

JB

2618

IFW

1374.37465C11

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Satoshi TANAKA et al.  
Application No.: 10/073,029  
Filed: February 12, 2002  
For: DIRECT-CONVERSION TRANSMITTING CIRCUIT AND  
INTEGRATED TRANSMITTING/RECEIVING CIRCUIT  
Art Unit: 2685  
Examiner: Nahn T. LE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 & 1.98**

**Mail Stop - Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

April 4, 2006

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find copies of documents, recently discovered by Applicants, to be considered by the Examiner in the examination of the above-identified application. Also enclosed is a full English translation of the enclosed Japanese Patent Document. Further enclosed is a Form PTO/SB/08A&B, listing the enclosed documents.

This Information Disclosure Statement is being submitted prior to a first Office Action on the merits in the above-identified application. Accordingly, requirements of 37 C.F.R. 1.97(b), are satisfied.

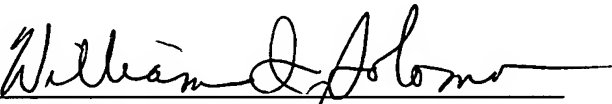
To the extent that the above-listed documents are not in English, the requirements of 37 C.F.R. 1.98(a)(3) are satisfied at least by the enclosed Abstract and English translation of Japanese Patent Document No. 10-270437.

In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR §§ 1.97 and 1.98 have been satisfied, in connection with the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon further examination of the above-identified application, is respectfully requested.

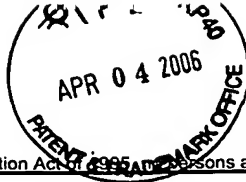
Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Docket No. 501.36694CV4), and please credit any excess fees to such deposit account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

By   
William I. Solomon  
Reg. No. 28,565

WIS/gjb  
1300 North Seventeenth Street, Suite 1800  
Arlington, Virginia 22209  
Telephone: (703) 312-6600  
Facsimile: (703) 312-6666



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	11/132,289
Filing Date	5/19/2005
First Named Inventor	Yoshikazu TANABE
Art Unit	2812
Examiner Name	Victor V. Yevsikov
Attorney Docket Number	1374.37465C11

**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 6,093,662		07/25/2000	Ohmi, et al.	
		US- 6,180,067 B1		01/30/2001	Ohmi, et al.	
		US- 6,274,098 B1		08/14/2001	Tanabe, et al.	
		US- 6,334,962 B1		01/01/2002	Minami, et al.	
		US- 6,733,732 B2		05/11/2004	Ohmi, et al.	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> –Number <sup>4</sup> –Kind Code <sup>5</sup> (if known)				
		JP – 10-270437	10/09/1998	Omi Tadaihiro, et al.		ABST. and FT

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.